

Flood Control Project Maintenance
2019 Structure Summary Report
Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District

Duck Creek Diversion Weir And Control Structure

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|-----------------------------------|-------------|
| A | Photo Documentation | N |
| | Vegetation & Obstructions | A |
| | Shoaling / Sedimentation | A |
| | Erosion / Bank Caving | A |
| | Revetments | A |
| | Encroachments | A |
| | Culverts: Inlets / Outlets | M |
| | Culverts: Breaks / Holes / Cracks | A |
| | Metal Pipes | N |
| | Trash Racks | N |
| | Flap Gates | N |
| | Sluice/Slide Gates | M |
| | Electric Gate Operators | N |
| | Manual Gate Operators | A |
| | Concrete Surfaces | A |
| | Concrete Tilting / Settlement | A |
| | Concrete Foundations | A |
| | Security Fencing | N |
| | Closure Structures | N |
| | Trash Rakes | N |
| | Other Metallic Items | A |
| | Monolith Joints | A |
| | Safety | A |
| | Operation & Maintenance Manual | A |

Flood Control Project Maintenance
2019 Structure Summary Report
Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District (cont.)

Mormon Slough Pumping Plant No. 1

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|---------------------------------------|-------------|
| A | Operating Log | A |
| | Operation & Maintenance Manual | A |
| | Plant Building | A |
| | Communications | A |
| | Safety | A |
| | Cranes | N |
| | Pumps | A |
| | Power | A |
| | Motors, Engines, Fans & Gear Reducers | N |
| | Pump Control Systems | A |
| | Sumps/Wet Well | A |
| | Trash Racks | A |
| | Trash Rakes | N |
| | Sluice / Slide Gates | A |
| | Electric Gate Operators | N |
| | Manual Gate Operators | A |
| | Other Metallic Items | A |
| | Flap Gates | A |
| | Closure Structures | N |
| | Security Fencing | M |
| | Intake and Discharge Pipes | A |

Mormon Slough Pumping Plant No. 2

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|---------------------------------------|-------------|
| M | Operating Log | A |
| | Operation & Maintenance Manual | A |
| | Plant Building | A |
| | Communications | A |
| | Safety | A |
| | Cranes | N |
| | Pumps | A |
| | Power | A |
| | Motors, Engines, Fans & Gear Reducers | A |
| | Pump Control Systems | A |
| | Sumps/Wet Well | A |
| | Trash Racks | A |
| | Trash Rakes | N |
| | Sluice / Slide Gates | U |
| | Electric Gate Operators | N |
| | Manual Gate Operators | A |
| | Other Metallic Items | A |
| | Flap Gates | A |
| | Closure Structures | N |
| | Security Fencing | A |
| | Intake and Discharge Pipes | A |

Flood Control Project Maintenance
2019 Structure Summary Report
Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District (cont.)

Mormon Slough Pumping Plant No. 3

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|---------------------------------------|-------------|
| A | Operating Log | A |
| | Operation & Maintenance Manual | A |
| | Plant Building | A |
| | Communications | A |
| | Safety | A |
| | Cranes | N |
| | Pumps | A |
| | Power | A |
| | Motors, Engines, Fans & Gear Reducers | A |
| | Pump Control Systems | A |
| | Sumps/Wet Well | A |
| | Trash Racks | A |
| | Trash Rakes | N |
| | Sluice / Slide Gates | A |
| | Electric Gate Operators | N |
| | Manual Gate Operators | A |
| | Other Metallic Items | A |
| | Flap Gates | A |
| | Closure Structures | N |
| | Security Fencing | A |
| | Intake and Discharge Pipes | A |

Flood Control Project Maintenance**Unit Cover Sheet****2019 Structure Inspection Results****San Joaquin County Flood Control and Water Conservation District**

| Structure |
|---|
| Duck Creek Diversion Weir And Control Structure |

| | |
|--------------------|--|
| Structure Rating | A |
| Date of Inspection | 6/25/2019 |
| DWR Inspector | Alberto De Leon |
| Accompanied By | Jim Caruso San Joaquin County Channel Maintenance |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 24 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Photo Documentation | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2013_24 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Duck Creek Diversion Structure works as a control weir for Duck Creek and also diverts the overflow of the channel to Duck Creek Diversion channel which connects with Little John Creek. | | | | | |

Photo 1 of 3 : ST_2019_NA0017_5_24_20190710_00025.jpg



View of the weir. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 24 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : ST_2019_NA0017_5_24_20190710_00026.jpg



View of the weir. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 24 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : ST_2019_NA0017_5_24_20190606_00012.jpg



View of the weir. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|---|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Vegetation & Obstructions | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: New cat tail growth on the upstream side of the weir does not appear that it would impede flow. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_5_2_20190710_00015.jpg



View of vegetation looking upstream of the weir. Summer 2019

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|---|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Shoaling / Sedimentation | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No noticeable shoaling or sediment was present. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|---|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Erosion / Bank Caving | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No erosion or bank caving was observed. | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Revetments | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Existing riprap protection was properly maintained. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_5_5_20190710_00017.jpg



View of revetment downstream of the weir. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 5 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2019_NA0017_5_5_20190606_00004.jpg



View of the revetments looking upstream of the weir.

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No trash or debris were found around the structure. | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Culverts: Inlets / Outlets | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_7 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The culvert's inlets have minor debris that should be cleared but the outlets were free of any debris. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_5_7_20190710_00018.jpg



View of inlets at culvert. Summer 2019

| | | | | | |
|----------|------|--------------|----|------------|----------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2019_NA0017_5_7_20190710_00020.jpg



View of outlets at culvert. Summer 2019

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Culverts: Breaks / Holes / Cracks | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_8 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No visible cracks or holes were found that would result in significant water leakage in the culvert. | | | | | |

No Photos

* Location
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WS : Water Side
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|--------------------------------------|------------------------|----|---------------|---|
| LM Start | 0.00 | Rating ** | N | Issue No. | 9 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Metal Pipes | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_9 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this inspection. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Trash Racks | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_10 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this inspection. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Flap Gates | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_11 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this inspection. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sluice/Slide Gates | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_12 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The screw gate needs to be maintained properly so that it can be turned with ease. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_5_12_20190710_00021.jpg



View of the slide gate. Summer 2019

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_13 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this inspection. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_14 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The manual gate appeared to be operational. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Concrete Surfaces | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The concrete surfaces had minor cracking and the surface was weathered but that didn't pose any threats to the integrity of the structure. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_5_15_20190710_00022.jpg



View of the weir and concrete surface. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2019_NA0017_5_15_20190606_00008.jpg



View of the weir and the concrete surface during 2018 inspection.

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Concrete Tilting / Settlement | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No visible sliding or settlement was found on the structure. | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Concrete Foundations | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No scouring or erosion was found near the structure. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|------------------------|-----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | End | | |
| Item | Security Fencing | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_18 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this inspection. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Closure Structures | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_19 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this inspection. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Trash Rakes | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_20 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this inspection. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Other Metallic Items | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_21 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: All metal parts appeared to be in good condition. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Monolith Joints | | | 37.938383 ° | 37.938383 ° |
| | | | | -120.990133 ° | -120.990133 ° |
| DWR ID | DWR_NA0017_5_t_2012_22 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: All the monolith joint materials appeared to be in good condition. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Duck Creek Diversion Weir And Control Structure | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Safety | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2012_23 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The wood railing near the top of the culvert appeared to provide adequate protection against fall hazards. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_5_23_20190710_00023.jpg



View of wooden rail on top of inlet culvert. Summer 2019

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|---|
| LM Start | 0.00 | Rating ** | A | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Operation & Maintenance Manual | 37.938383 ° | | 37.938383 ° | |
| | | -120.990133 ° | | -120.990133 ° | |
| DWR ID | DWR_NA0017_5_t_2013_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The LMA has the proper O&M manuals at their office. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2019 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

| Pumping Plant |
|-----------------------------------|
| Mormon Slough Pumping Plant No. 1 |

| | |
|----------------------|--|
| Pumping Plant Rating | A |
| Date of Inspection | 6/25/2019 |
| DWR Inspector | Alberto De Leon |
| Accompanied By | Jim Caruso San Joaquin County Channel Maintenance |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operating Log | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Operating log was maintained and present at the pumping plant. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_18_1_20190710_00015.jpg



View of the operation log. Summer 2019

| | | | | | |
|--|--------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The O&M Manual is missing due to vandalism. The office has another copy of the O&M Manual. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Plant Building | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The plant building was in good structural condition. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_18_3_20190710_00016.jpg



View of pumping plant. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Communications | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: District personnel carry cell phones and radios for communication. | | | | | |

No Photos

| | | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 5 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Safety | | | 37.989633 ° | 37.989633 ° | |
| | | | | -121.266933 ° | -121.266933 ° | |
| DWR ID | DWR_NA0017_18_t_2012_5 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: There were no safety hazards found around the structure and the guard rails around the structure were in good condition. | | | | | | |

Photo 1 of 1 : ST_2019_NA0017_18_5_20190710_00017.jpg



View of guard rails at the plant. Summer 2019

| | | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | N | Issue No. | 6 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Cranes | | | 37.989633 ° | 37.989633 ° | |
| | | | | -121.266933 ° | -121.266933 ° | |
| DWR ID | DWR_NA0017_18_t_2012_6 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pumps | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_7 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: All pumps appeared to be in working condition and they are maintained, lubricated and tested periodically. | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2019_NA0017_18_7_20190710_00018.jpg



View of pumps inside plant. Summer 2019

| | | | | | |
|----------|------|--------------|----|------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2019_NA0017_18_7_20190606_00005.jpg



View of the shaft under a pump.

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Power | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_8 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The power source appeared to be safe and reliable. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_18_8_20190710_00019.jpg



View of power source next to pumping plant. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Power | | | 37.989633 ° | 37.989633 ° | |
| | | | | -121.266933 ° | -121.266933 ° | |
| DWR ID | DWR_NA0017_18_t_2012_8 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: The power source appeared to be safe and reliable. | | | | | | |

Photo 2 of 2 : ST_2019_NA0017_18_8_20190606_00006.jpg



View of the power source next to the pumping plant.

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Motors, Engines, Fans & Gear Reducers | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_10 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pump Control Systems | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_11 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The pump control systems were maintained properly and appeared to be free of damage. Graffiti and vandalism has caused minor property damage, however, this has not affected the operation of the the pumping plant. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_18_11_20190710_00022.jpg



View of pump control system and vandalism/graffiti. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Pump Control Systems | | | 37.989633 ° | 37.989633 ° | |
| | | | | -121.266933 ° | -121.266933 ° | |
| DWR ID | DWR_NA0017_18_t_2012_11 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: The pump control systems were maintained properly and appeared to be free of damage. Graffiti and vandalism has caused minor property damage, however, this has not affected the operation of the the pumping plant. | | | | | | |

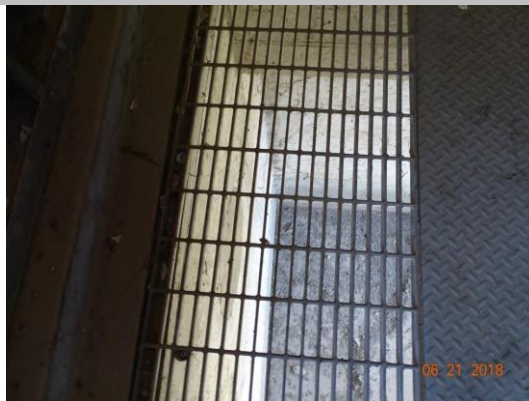
Photo 2 of 2 : ST_2019_NA0017_18_11_20190710_00021.jpg



View of pump control system and vandalism/graffiti. Summer 2019

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sumps/Wet Well | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_12 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The wet well was completely dry and very little debris was present during inspection. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_18_12_20190606_00008.jpg



View of the wet well.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Racks | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_13 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Trash racks were properly maintained and clear of debris. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_18_13_20190710_00023.jpg



View of trash racks. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Rakes | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_14 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sluice / Slide Gates | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The slide gate appeared to be in good condition. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_18_15_20190710_00024.jpg



View of slide gate. Summer 2019

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The item does not apply to this pumping plant. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Manual gate operator was in good operational condition. Gate wheel has been removed in order to prevent unauthorized use and theft. | | | | | |

No Photos

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 18 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Other Metallic Items | | | 37.989633 ° | 37.989633 ° | |
| | | | | -121.266933 ° | -121.266933 ° | |
| DWR ID | DWR_NA0017_18_t_2012_18 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: All metal parts appeared to be in good condition. | | | | | | |
| | | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flap Gates | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_19 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The flap gates appeared to be in good working condition. Verified by San Joaquin County staff. | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2019_NA0017_18_19_20190606_00011.jpg



View of the flap gates during 2018 inspection.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Flap Gates | | | 37.989633 ° | 37.989633 ° | |
| | | | | -121.266933 ° | -121.266933 ° | |
| DWR ID | DWR_NA0017_18_t_2012_19 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: The flap gates appeared to be in good working condition. Verified by San Joaquin County staff. | | | | | | |

Photo 2 of 2 : ST_2019_NA0017_18_19_20190606_00012.jpg



View of the flap gates during 2017 inspection.

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Closure Structures | | | 37.989633 ° | 37.989633 ° | |
| | | | | -121.266933 ° | -121.266933 ° | |
| DWR ID | DWR_NA0017_18_t_2012_20 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_21 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: LMA has replaced the stolen security fence from 2018 however part of the fence near the gate post has been cut allowing unauthorized access and needs to be repaired. | | | | | |

Photo 1 of 3 : ST_2019_NA0017_18_21_20190710_00025.jpg



View of damaged fence near main gate. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 1 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 21 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_21 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: LMA has replaced the stolen security fence from 2018 however part of the fence near the gate post has been cut allowing unauthorized access and needs to be repaired. | | | | | |

Photo 2 of 3 : ST_2019_NA0017_18_21_20190711_00026.jpg



View of fence at pumping plant. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 21 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : ST_2019_NA0017_18_21_20190606_00013.jpg



View of missing fence links next to the pumping plant. Summer 2018

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Intake and Discharge Pipes | | | 37.989633 ° | 37.989633 ° |
| | | | | -121.266933 ° | -121.266933 ° |
| DWR ID | DWR_NA0017_18_t_2012_22 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The pipes appeared to be in good working condition. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2019 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

| Pumping Plant |
|-----------------------------------|
| Mormon Slough Pumping Plant No. 2 |

| | |
|----------------------|--|
| Pumping Plant Rating | M |
| Date of Inspection | 6/25/2019 |
| DWR Inspector | Alberto De Leon |
| Accompanied By | Jim Caruso San Joaquin County Channel Maintenance |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operating Log | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Operational log was present at the pump station. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_1_20190710_00015.jpg



View of operation log inside the pumping plant. Summer 2019

| | | | | | |
|--|--------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: O&M Manual was found inside the plant during the inspection. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_2_20190710_00016.jpg



View of O&M manual inside the plant. Summer 2019

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Plant Building | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The plant building was in good structural condition without any major deficiencies. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_3_20190710_00017.jpg



View of the pumping plant. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Communications | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: District personnel carry cell phones and radios. | | | | | |

No Photos

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Safety | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No safety hazard was found around the structure. All hand rails were in working condition. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_5_20190710_00018.jpg



View of hand rails around the pumping plant. Summer 2019

| | | | | | | |
|---|------------------------|--------------|----|------------------------|---|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 6 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Cranes | | | 37.982317 ° | | 37.982317 ° |
| | | | | -121.249433 ° | | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_6 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pumps | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_7 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The pumps appeared to be well maintained and lubricated properly and the pumping system was tested periodically. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_19_7_20190710_00019.jpg



View of pumps inside the pumping plant. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2019_NA0017_19_7_20190606_00006.jpg



View of the shaft under a pump.

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Power | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_8 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The power source appeared to be safe and reliable. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_8_20190710_00020.jpg



View of the power source for the pumping plant. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Motors, Engines, Fans & Gear Reducers | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_10 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The vent fan was operational during the inspection. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_10_20190606_00008.jpg



View of the vent fan.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pump Control Systems | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_11 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The pump control system is maintained and free of corrosion or any noticeable damage. | | | | | |

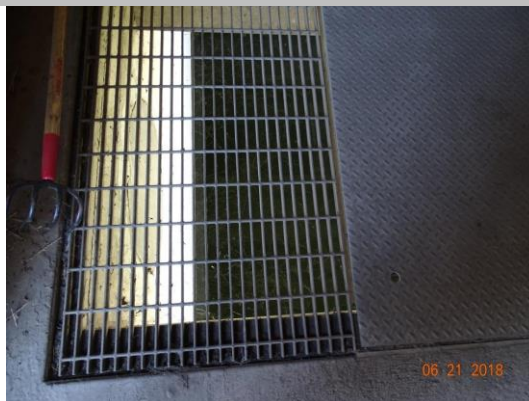
Photo 1 of 1 : ST_2019_NA0017_19_11_20190606_00009.jpg



View of the power control system.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sumps/Wet Well | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_12 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The wet well appeared to be clear of excessive debris or sediments. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_12_20190606_00010.jpg



View of the wet well.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Racks | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_13 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Trash racks were properly maintained and free of any debris. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_13_20190710_00021.jpg



View of the trash racks. Summer 2019

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Rakes | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_14 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sluice / Slide Gates | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Due to vandalism, the housing to operate the slide gate is damaged and requires repair. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_19_15_20190710_00022.jpg



View of slide gate in need of repair. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 15 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Sluice / Slide Gates | | | 37.982317 ° | | 37.982317 ° |
| | | | | -121.249433 ° | | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_15 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: Due to vandalism, the housing to operate the slide gate is damaged and requires repair. | | | | | | |

Photo 2 of 2 : ST_2019_NA0017_19_15_20190606_00012.jpg



View of the slide gate.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The wheel has been removed to prevent unauthorized use and theft. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Other Metallic Items | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_18 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: All the metal parts appeared to be in good condition. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flap Gates | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_19 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Flap gates are in good condition and showed no damage. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_19_20190606_00013.jpg



View of the flap gates for the pumping plant.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Closure Structures | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_20 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 2 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2012_21 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Security fencing was in good condition without any damage. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_19_21_20190710_00023.jpg



View of the security fencing. Summer 2019

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Intake and Discharge Pipes | | | 37.982317 ° | 37.982317 ° |
| | | | | -121.249433 ° | -121.249433 ° |
| DWR ID | DWR_NA0017_19_t_2013_22 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The pipes were free of any breaks, holes or cracks. | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2019 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

| Pumping Plant |
|-----------------------------------|
| Mormon Slough Pumping Plant No. 3 |

| | |
|----------------------|--|
| Pumping Plant Rating | A |
| Date of Inspection | 6/25/2019 |
| DWR Inspector | Alberto De Leon |
| Accompanied By | Jim Caruso San Joaquin County Channel Maintenance |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operating Log | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Maintenance log was present at the pumping plant. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_1_20190710_00014.jpg



View of the operating log inside the plant. Summer 2019

| | | | | | |
|--|--------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The O&M Manual was present at the pumping plant next to the operating log. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_2_20190710_00015.jpg



View of O&M manual inside the pumping plant. Summer 2019

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Plant Building | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The plant building appeared to be in good structural condition. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_3_20190710_00016.jpg



View of pumping plant. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Communications | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The district personnel carry cell phones and radios. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Safety | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No safety hazard was found around the pumping plant and the guard rails around the plant were in good condition. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_5_20190710_00017.jpg



View of guard rails around the pumping plant. Summer 2019

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Cranes | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|------------------------|------------------------|---------------|------------|---|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | GPS Latitude/Longitude | | | |
| | | Start | End | | |
| Item | Pumps | 37.973983 ° | 37.973983 ° | | |
| | | -121.229967 ° | -121.229967 ° | | |
| DWR ID | DWR_NA0017_20_t_2012_7 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: All pumps appeared to be in good condition and maintained properly. | | | | | |

Photo 1 of 2 : ST_2019_NA0017_20_7_20190710_00018.jpg



View of the pumps inside the pumping plant. Summer 2019

Photo 2 of 2 : ST_2019_NA0017_20_7_20190606_00006.jpg



View of bottom shaft of one of the pumps inside the plant.

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Power | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_8 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The power source appeared to be safe and reliable. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_8_20190606_00007.jpg



View of the power source for the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Motors, Engines, Fans & Gear Reducers | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_10 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Pumping motors appeared to be operational and lubrication was maintained on all the pumps. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pump Control Systems | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_11 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The pump control system appeared to be operational and free of damage. | | | | | |

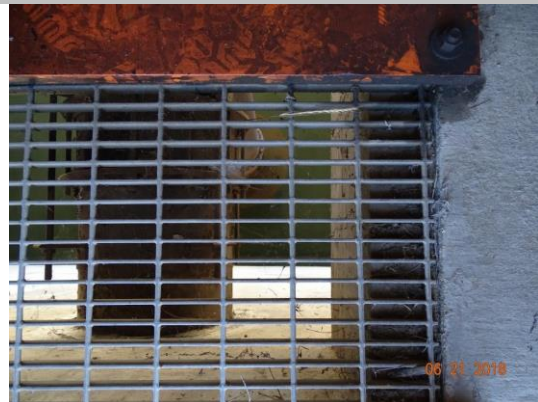
Photo 1 of 1 : ST_2019_NA0017_20_11_20190606_00008.jpg



View of the power control systems inside the plant.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sumps/Wet Well | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_12 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Wet well was clear of any excessive debris. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_12_20190606_00009.jpg



View of wet well inside the pumping plant.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | | |
|--|-------------------------|--------------|----|------------------------|----|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 13 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Trash Racks | | | 37.973983 ° | | 37.973983 ° |
| | | | | -121.229967 ° | | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_13 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: The trash racks were free of any debris. | | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_13_20190710_00019.jpg



View of the trash racks. Summer 2019

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Rakes | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_14 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sluice / Slide Gates | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Slide gates appeared to be free of sediment and obstructions. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_15_20190606_00011.jpg



View of the slide gate.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Manual gate appeared to be in good working condition. The wheel from the gate mechanism has been removed to prevent unauthorized use and theft. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Other Metallic Items | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_18 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Other metallic parts within the pumping plant appeared to be in a good condition. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|-----------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flap Gates | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_19 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Flap gates are working properly, verified by San Joaquin County field staff. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_19_20190606_00012.jpg



View of the flap gates under water. Summer 2018

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Closure Structures | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_20 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This item does not apply to this pumping plant. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_21 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Security fencing is in good condition. | | | | | |

Photo 1 of 1 : ST_2019_NA0017_20_21_20190710_00020.jpg



View of the security fencing. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|--------------------|
| Mormon Slough Pumping Plant No. 3 | | 06/25/2019 06/25/2019 | Alberto De Leon |

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Intake and Discharge Pipes | | | 37.973983 ° | 37.973983 ° |
| | | | | -121.229967 ° | -121.229967 ° |
| DWR ID | DWR_NA0017_20_t_2012_22 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Pipes appeared to be in good condition. | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement